

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
4 August 2005 (04.08.2005)

PCT

(10) International Publication Number
WO 2005/071284 A1

(51) International Patent Classification⁷: **F16G 13/00**

1306 Franklin Street, Valparaiso, IN 46383 (US).
ZANOLLA, Mark, A. [US/US]; 961 S. Linda St., Hobart,
IN 46342 (US).

(21) International Application Number:
PCT/US2005/002244

(74) Agent: **FRANZINI, John, D.**; Quarles & Brady LLP, 411
East Wisconsin Avenue, Milwaukee, WI 53202 (US).

(22) International Filing Date: 20 January 2005 (20.01.2005)

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/538,809 23 January 2004 (23.01.2004) US

(71) Applicant (*for all designated States except US*): **A & A
MFG. CO., INC.** [US/US]; 2300 South Calhoun Road,
New Berlin, WI 53151 (US).

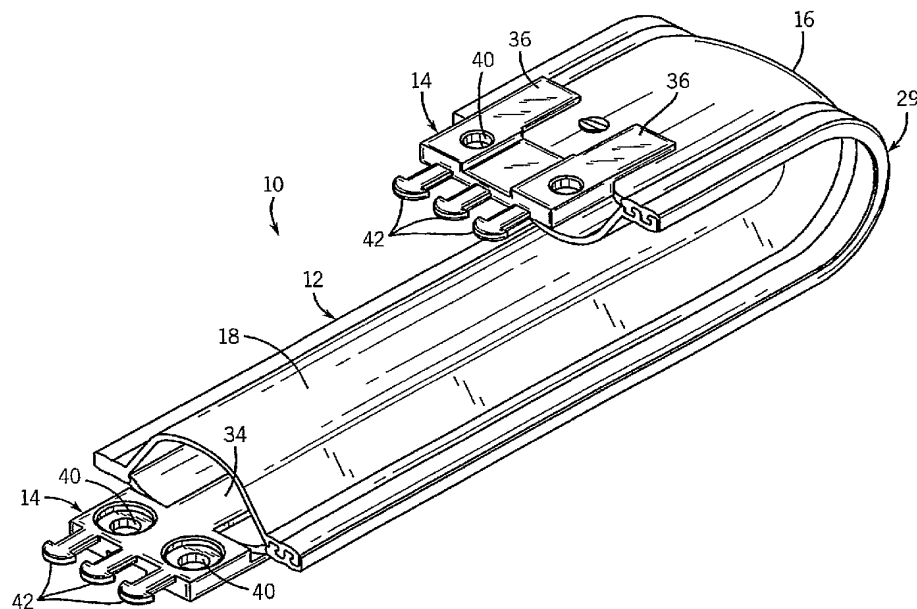
(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **O'ROURKE,
James, D.** [US/US]; N30 W2865 West Lakeside Drive,
Pewaukee, WI 53072 (US). **O'BRIEN, Jay, R.** [US/US];

(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,

[Continued on next page]

(54) Title: MONOLITHIC ENCLOSED CABLE CARRIER



(57) Abstract: A cable carrier (10) has top (18) and bottom (16) longitudinally continuous sides, with one side (18) more flexible and the opposite side (16) less flexible. The sides are made of continuous sheets of material to define a closed tubular shape in which energy carriers can be housed and supported. The sheets may be integral, or have integral parts, and can be extruded. The carrier may be longitudinally openable with a zipper structure (125) to permit loading of energy carriers.

WO 2005/071284 A1



SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*